

(ii) a DNA sequence selected from the group consisting of the following partial sequences and other partial sequences of the alanine dehydrogenase gene of *M. tuberculosis* (Fig. 2.5):

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cont

<u>Name</u>	<u>Sequence</u>	<u>Orientation</u>
<u>AlaDH-F1</u>	<u>5'-ATGCGCGTCGGTATTCCG-3'</u>	<u>forward</u>
<u>AlaDH-F1+</u>	<u>5'-GCGCGTCGGTATTCCGACCG-3'</u>	<u>forward</u>
<u>AlaDH-F2</u>	<u>5'-GAGACCAAAACAACGAA-3'</u>	<u>forward</u>
<u>AlaDH-F4</u>	<u>5'-GAATTCCCATCAGCAATCTTGCAGA-3'</u>	<u>forward</u>
<u>AlaDH-F5</u>	<u>5'-GCCCCGATGAGCGAAGTC-3'</u>	<u>forward</u>
<u>AlaDH-F6</u>	<u>5'-GGGGCCGTCCTGGTGCC-3'</u>	<u>forward</u>
<u>AlaDH-F7</u>	<u>5'-GACGTCGACCTACGCGCTGAC-3'</u>	<u>forward</u>
<u>AlaDH-R1</u>	<u>5'-CTCGGTGAACGGCACCCC-3'</u>	<u>reverse</u>
<u>AlaDH-R2</u>	<u>5'-GGCCAGCACGCTGGCGGG-3'</u>	<u>reverse</u>
<u>AlaDH-R3</u>	<u>5'-CACCCGTTGGACAGTAA-3'</u>	<u>reverse</u>
<u>AlaDH-R4</u>	<u>5'-CGCGGCGGACATCATCGC-3'</u>	<u>reverse</u>
<u>AlaDH-R5</u>	<u>5'-GGCCGACATCATCGCTTCCC-3'</u>	<u>reverse</u>
<u>AlaDH-R6</u>	<u>5'-CGAGACTAATTTGGGTGCCTTGGC-3'</u>	<u>reverse</u>
<u>AlaDH-R7</u>	<u>5'-ATTGGGTGCCTTGGC-3'</u>	<u>reverse</u>
<u>AlaDH-RM</u>	<u>5'-GGCGGCGAGTCGACCGGC-3'</u>	<u>reverse</u>

[and], partial sequences thereof and sequences that are [hybridisable] hybridizable therewith [preferably at a temperature of at least 20°C and especially at a concentration of 1M NaCl and a temperature of at least 25°C], for the diagnosis of tuberculosis and other mycobacterial infections in humans [and] or animals.

Please cancel claim 9, without prejudice, and amend claim 10 as follows:

Claim 10, line 4, please delete "claim 9" and substitute --claim 1-- therefor.